



## RTD-10W RTD Thermometer Wireless

The RTD probes are preferred for industrial process applications. They typically provide higher accuracy than thermocouples and maintain stability for many years.

- Wireless two-way transmission
- RTD dual input function
- Pt3916/Pt3926/Pt385 RTD standard
- °C/°F user-selectable
- MAX/MIN with elapsed time, AVG, REL, HOLD functions
- Warning beeper with Hi/Lo setting
- Resolution 0.1°C or 0.2°F

### No hassle warranty

*No waiting.*

*No shipping  
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)



N10140

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## Data Sheet

### General Specifications

|                          |   |
|--------------------------|---|
| Display                  | 4½ digit liquid crystal display (LCD) with maximum reading of 19999.  |
| Polarity                 | Automatic, positive implied, negative polarity indication.  |
| Low Battery Indication   | The "⚡" is displayed when the battery voltage drops below the operating level.  |
| Measurement Rate         | 1 time/second.  |
| Auto Power Off           | 30 minutes  |
| Operating Environment    | 0°C to 50°C (32°F to 122°F) at <70% R.H.  |
| Storage Environment      | -20°C to 60°C (-4°F to 140°F), 0 to 80% R.H. with battery removed from meter.   |
| Accuracy                 | Stated accuracy at 23°C ±5°C, <75% R.H.   |
| Battery                  | 1.5V x 4pcs AAA size  |
| Battery Life             | 200 hours typical   |
| Dimensions               | L241.3 X W158 X 76.2mm (9.5 X 6.22 X 3 in).   |
| Weight                   | Approx. 304g (0.67lb) including batteries and packaging box.  |
| <b>WIRELESS Features</b> |   |
| Frequency Range          | 910~920MHz.<br>Low current consumption less than 1mA.<br>The transmitting distance can reach 25M without magnetic interference. |

### Electrical Specifications:

|                      |   |
|----------------------|---|
| Temperature Scale    | Celsius or Fahrenheit user-selectable   |
| Measurement Range    | Pt385 (100Ω) -200°C to 800°C (-328°F to 1472°F) Pt3916/Pt3926 (100Ω) -200°C to 630°C (-328°F to 1166°F)   |
| Resolution           | 0.1°C or 0.2°F  |
| Accuracy             | Accuracy is specified for operating temperatures over the range of 18°C to 28°C (64°F to 82°F), for 1 year, not including thermocouple error. ±(0.05%rdg+0.2°C) on °C scale ±(0.05%rdg+0.4°F) on °F scale |
| Temperature          | 0.1 times the applicable accuracy   |
| Coefficient          | Specification per °C from 0°C to 18°C and 28°C to 50°C (32°F to 64°F and 82°F to 122°F).  |
| Input Protection     | 24V DC or 24V AC rms maximum input Voltage on any combination of input pins.  |
| Input                | Accepts 3 wire or 4 wire Mini-Din   |
| Connector            | Plug and meter are designed for standard. The other probes 2.3 wires will cause measuring tolerance due to cable resistance.  |
| Included Accessories | RTD Connectors (2); users manual; batteries (4); USB wireless antenna; software CD  |

#### Amprobe® Test Tools

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